

Title (en)  
HEARING PROTECTION HEADSET

Title (de)  
GEHÖRSCHUTZKOPFHÖRER

Title (fr)  
CASQUE PROTÉGEANT L'AUDITION

Publication  
**EP 3442241 B1 20230531 (EN)**

Application  
**EP 18183390 A 20180713**

Priority  
US 201715673335 A 20170809

Abstract (en)  
[origin: EP3442241A1] A acoustic device includes a supra-aural ear cup, a pinna replica at least partially enclosed by the supra-aural ear cup, wherein an inner surface of the pinna replica faces the exterior so that exterior sounds are received by the pinna replica and a microphone unit for collecting said exterior sounds, said microphone unit being configured to emit a first electric signal comprising information on the collected exterior sounds.

IPC 8 full level  
**H04R 1/10** (2006.01); **A61F 11/14** (2006.01); **H04R 5/027** (2006.01); **H04R 5/033** (2006.01)

CPC (source: CN EP US)  
**A61F 11/14** (2013.01 - EP US); **H04R 1/1008** (2013.01 - CN EP US); **H04R 1/105** (2013.01 - CN); **H04R 1/1083** (2013.01 - CN); **H04R 1/1091** (2013.01 - US); **H04R 5/027** (2013.01 - EP US); **H04R 5/033** (2013.01 - EP US); **H04R 1/1058** (2013.01 - CN)

Citation (examination)  
US 4037064 A 19770719 - YASUDA HIROSHI

Cited by  
US10924837B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**EP 3442241 A1 20190213**; **EP 3442241 B1 20230531**; CN 109391867 A 20190226; DK 3442241 T3 20230724; JP 2019041382 A 20190314; US 10212503 B1 20190219; US 10924837 B2 20210216; US 2019052946 A1 20190214; US 2019141429 A1 20190509

DOCDB simple family (application)  
**EP 18183390 A 20180713**; CN 201810891786 A 20180807; DK 18183390 T 20180713; JP 2018148818 A 20180807; US 201715673335 A 20170809; US 201916241398 A 20190107